Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062716\
Data File : BM006075.D
Acq On : 27 Jun 2016 18:21
Operator : UM/SJ
Sample : H3669-21MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9Y73MS

Quant Time: Jun 28 02:13:24 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062516.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 28 02:11:41 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	193240	20.00	ng/ul	0.00
7) Naphthalene-d8	10.44	136	1045549	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.31	164	699773	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.06	188	1741574	20.00	ng/ul	0.00
29) Chrysene-d12	21.25	240	1982695	20.00	ng/ul	0.00
34) Perylene-d12	23.47	264	1815939	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	5206	1.20	ng/uL	0.00
3) Phenol-d5	6.83	99	264400	13.01	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.99	67	161743	14.30	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	200290	14.15	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	170667	9.95	ng/ul	0.00
8) Nitrobenzene-d5	8.81	128	111661	14.03	ng/ul	0.00
9) 2-Nitrophenol-d4	9.53	143	117872	13.31	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	236659	13.93	ng/ul	0.00
12) 4-Chloroaniline-d4	10.58	131	214282	11.62	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	838563	14.00	ng/ul	0.00
17) Acenaphthylene-d8	14.00	160	1059372	15.25	ng/ul	0.00
20) 4-Nitrophenol-d4	14.52	143	132791	10.39	ng/ul	-0.01
21) Fluorene-d10	15.30	176	785566	15.36	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.43	200	61856	6.40	ng/ul	-0.01
26) Anthracene-d10	17.16	188	1275563	15.95	ng/ul	0.00
30) Pyrene-d10	19.46	212	1520936	17.51	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.33	264	1303083	15.89	ng/ul	0.00
Target Compounds						Qvalue
19) Acenaphthene	14.37	153	653493	14.04	ng/ul	99
25) Phenanthrene	17.10	178	118943	1.27	ng/ul	98
27) Anthracene	17.10	178	118943	1.23	ng/ul	98
28) Fluoranthene	19.12	202	268099	2.23	ng/ul	100
31) Pyrene	19.49	202	1991593	17.55	ng/ul	96
32) Benzo(a)anthracene	21.24	228	152810	1.30	ng/ul	92
33) Chrysene	21.29	228	191058	1.78	ng/ul	96
35) Benzo(b)fluoranthene	22.81	252	251709	2.39	ng/ul#	92
36) Benzo(k)fluoranthene	22.81	252	251709	2.56	ng/ul#	93
38) Benzo(a)pyrene	23.37	252	158824	1.57	ng/ul	97
41) Benzo(g,h,i)perylene	26.37	276	113106	1.08	ng/ul	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062716\
Data File : BM006075.D
Acq On : 27 Jun 2016 18:21
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Misc :
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Instrument :
BNA_M
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Quant Time: Jun 28 02:13:24 2016
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Quant Title : SVOA CALIBRATION
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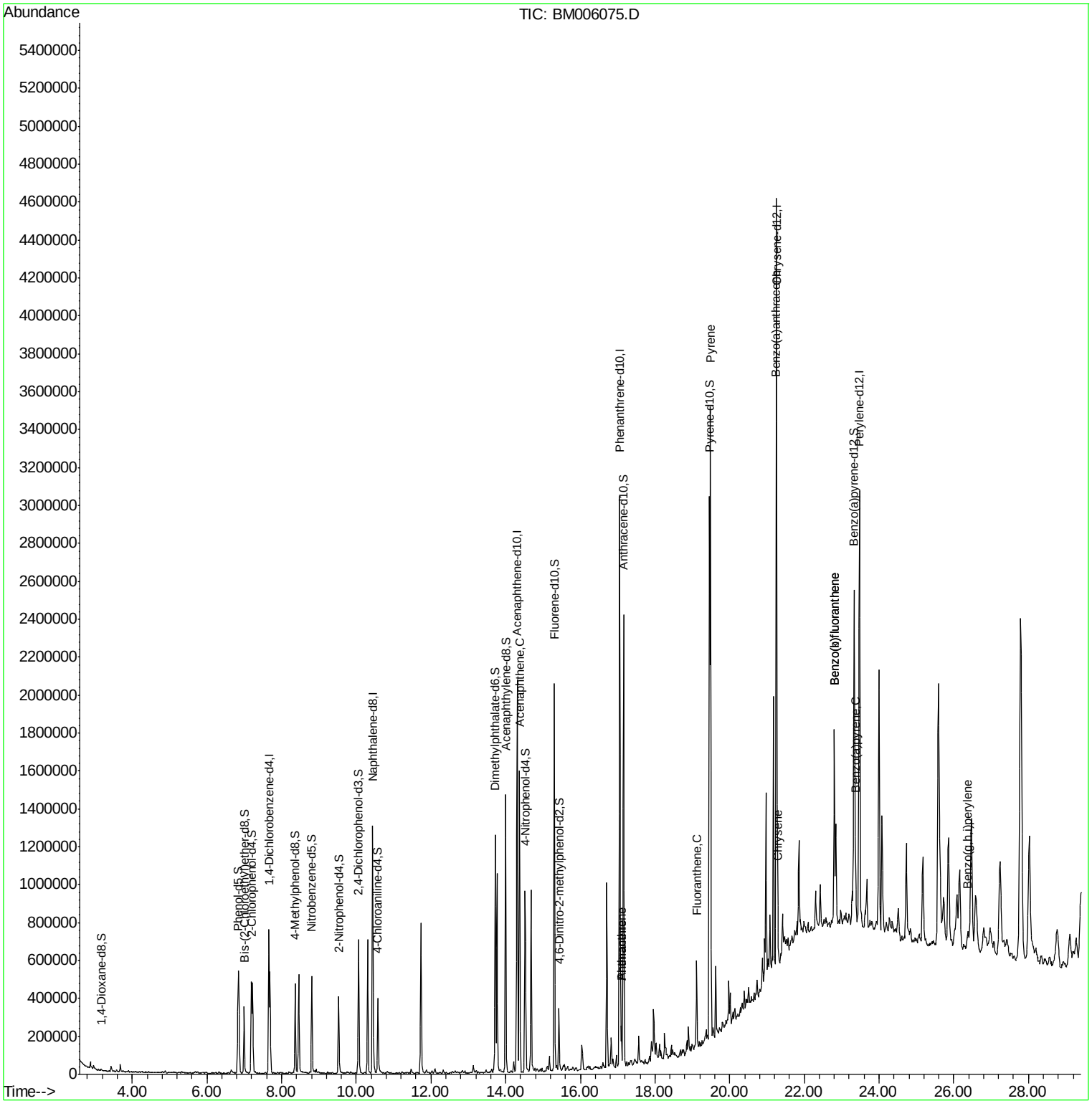
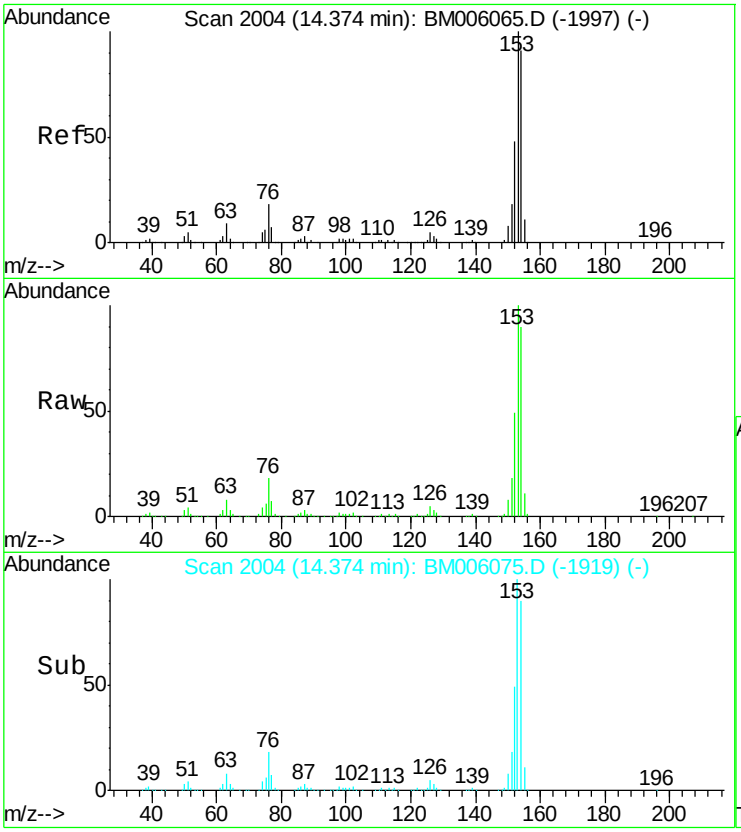
Response via : Initial Calibration



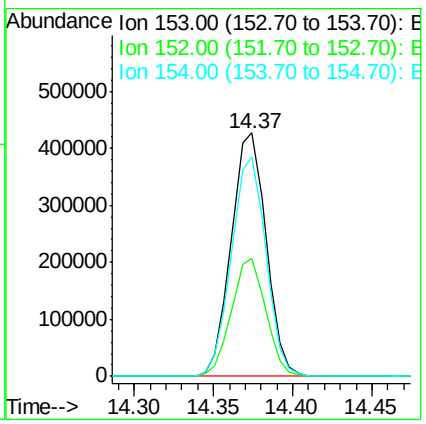


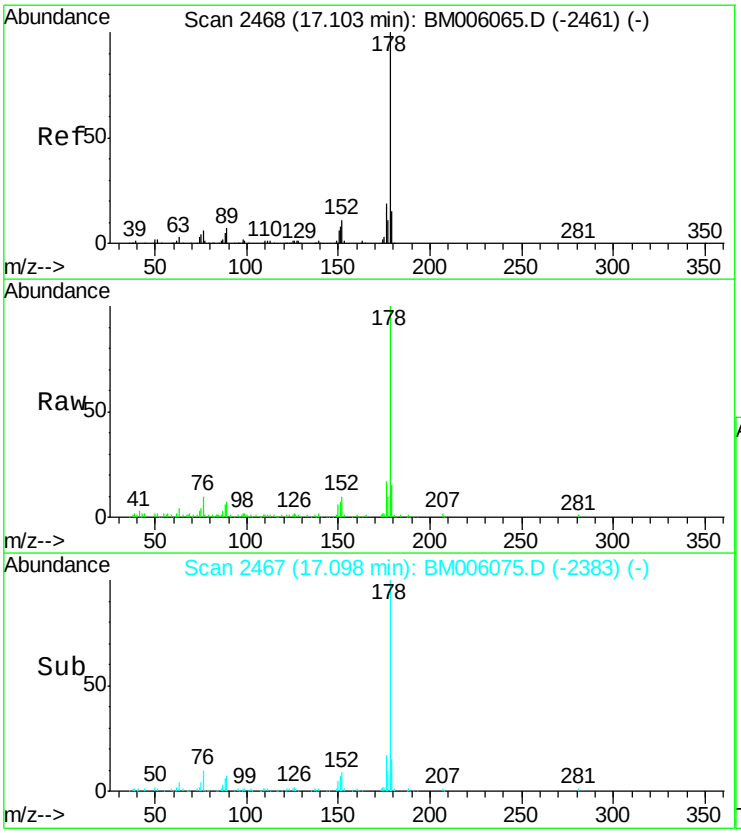
#19
Acenaphthene
Concen: 14.04 ng/ul
RT: 14.37 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BM006075.D
Acq: 27 Jun 2016 18:21

Instrument :
BNA_M
ClientSampleId :
D9Y73MS

Tgt Ion:153 Resp: 653493

Ion	Ratio	Lower	Upper
153	100		
152	48.5	38.1	57.1
154	90.0	71.6	107.4

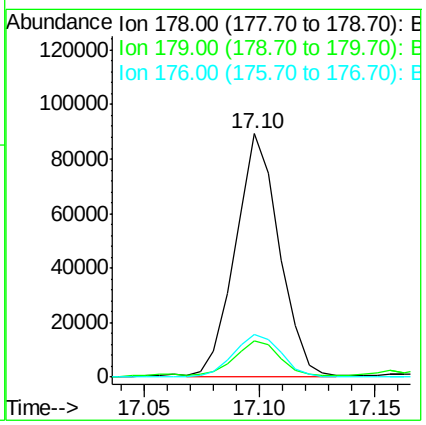


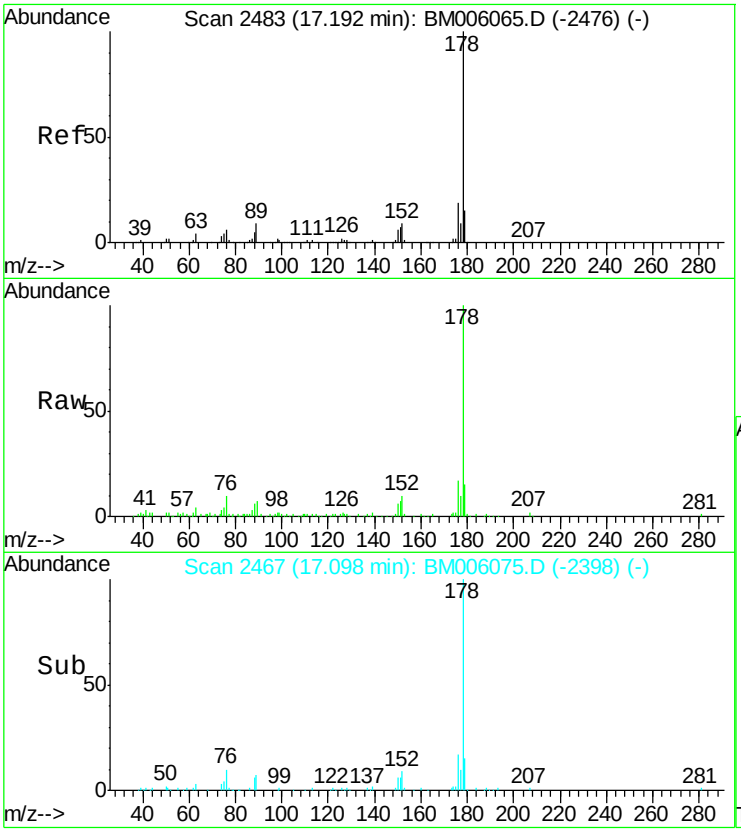


#25
Phenanthrene
Concen: 1.27 ng/ul
RT: 17.10 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BM006075.D
Acq: 27 Jun 2016 18:21

Tgt Ion:178 Resp: 118943

Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.2	18.2
176	17.3	15.3	22.9



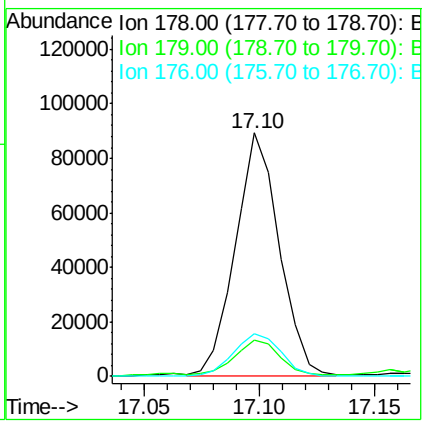


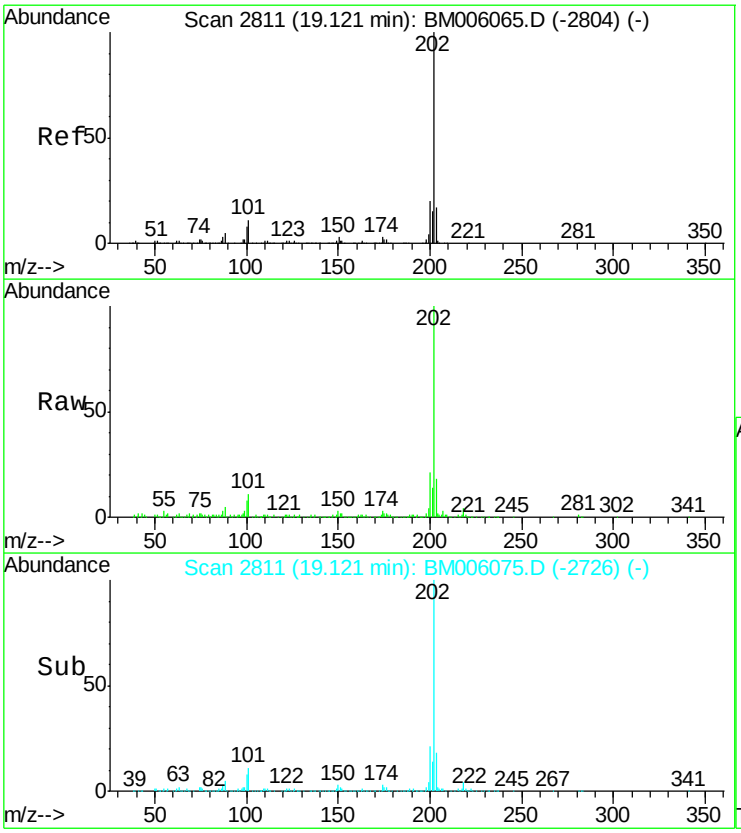
#27
Anthracene
Concen: 1.23 ng/ul
RT: 17.10 min Scan# 2467
Delta R.T. -0.09 min
Lab File: BM006075.D
Acq: 27 Jun 2016 18:21

Instrument :
BNA_M
ClientSampleId :
D9Y73MS

Tgt Ion:178 Resp: 118943

Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.3	18.5
176	17.3	14.6	22.0

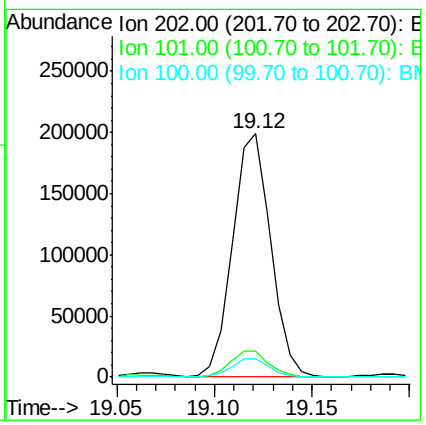


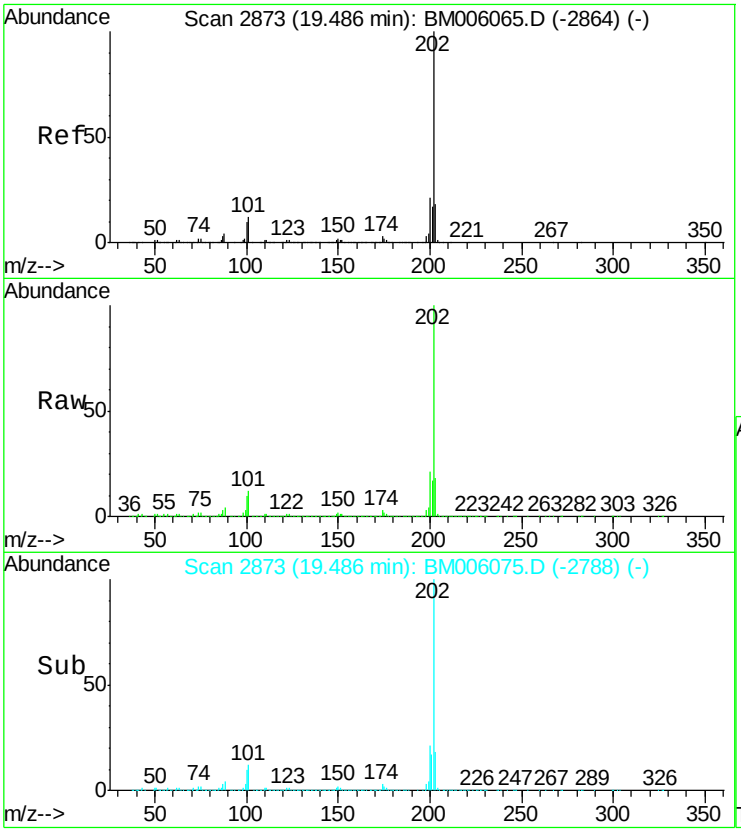


#28
Fluoranthene
Concen: 2.23 ng/ul
RT: 19.12 min Scan# 2811
Delta R.T. 0.00 min
Lab File: BM006075.D
Acq: 27 Jun 2016 18:21

Tgt Ion:202 Resp: 268099

Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.5	12.7
100	7.8	6.5	9.7



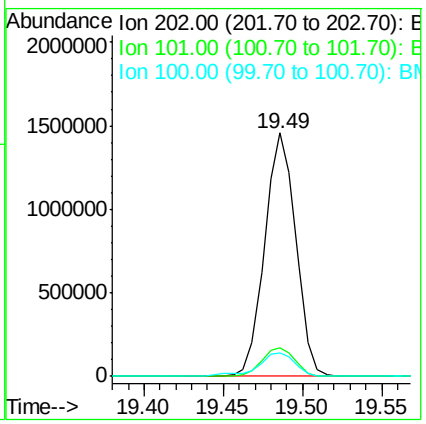


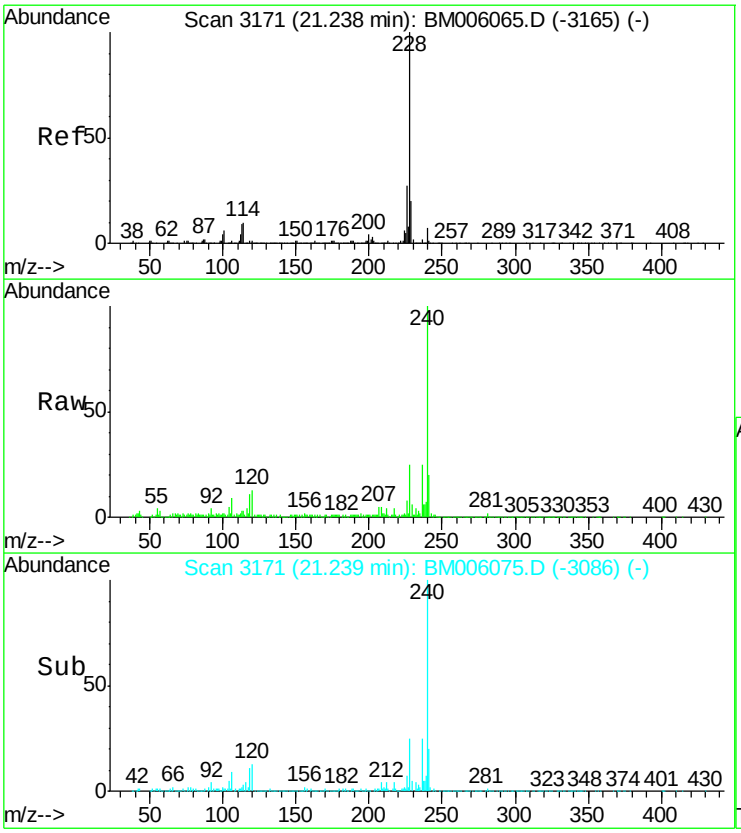
#31
Pyrene
Concen: 17.55 ng/ul
RT: 19.49 min Scan# 2873
Delta R.T. 0.00 min
Lab File: BM006075.D
Acq: 27 Jun 2016 18:21

Instrument :
BNA_M
ClientSampleId :
D9Y73MS

Tgt Ion:202 Resp: 1991593

Ion	Ratio	Lower	Upper
202	100		
101	11.9	11.0	16.4
100	9.6	8.9	13.3

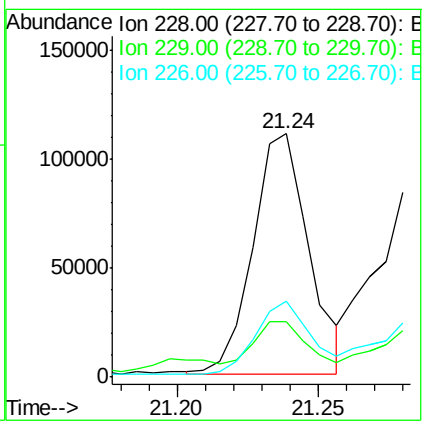


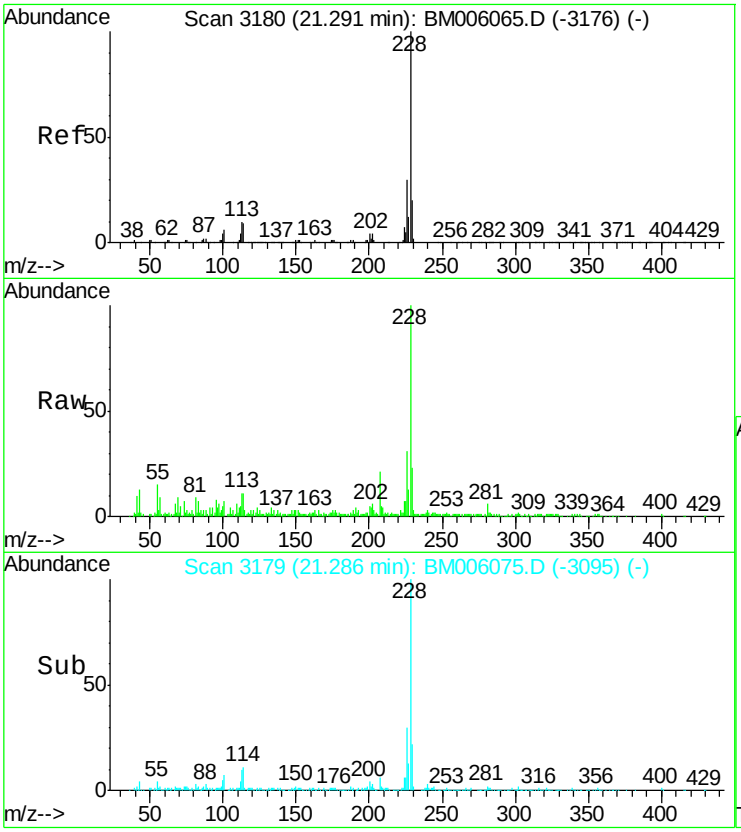


#32
Benzo(a)anthracene
Concen: 1.30 ng/ul
RT: 21.24 min Scan# 3171
Delta R.T. 0.00 min
Lab File: BM006075.D
Acq: 27 Jun 2016 18:21

Tgt Ion:228 Resp: 152810

Ion	Ratio	Lower	Upper
228	100		
229	23.0	15.6	23.4
226	31.0	21.6	32.4



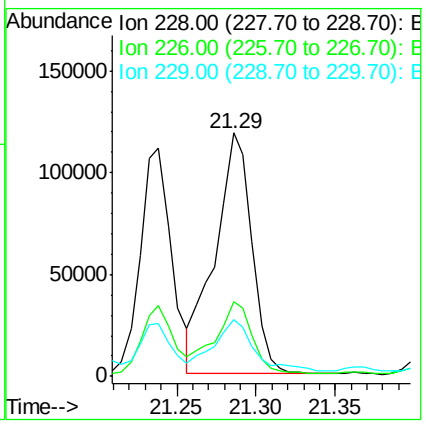


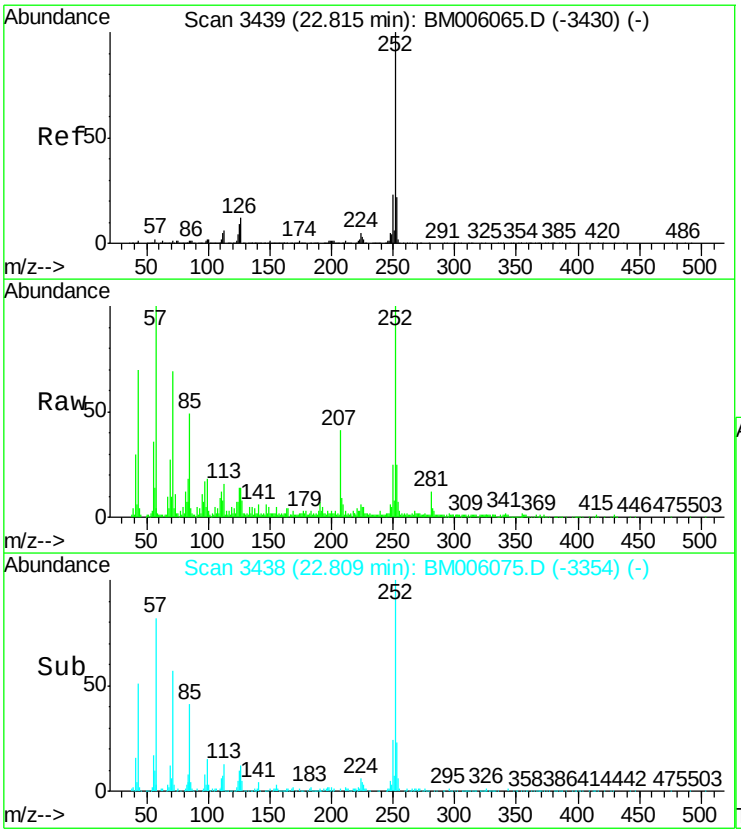
#33
Chrysene
Concen: 1.78 ng/ul
RT: 21.29 min Scan# 3179
Delta R.T. -0.01 min
Lab File: BM006075.D
Acq: 27 Jun 2016 18:21

Instrument :
BNA_M
ClientSampleId :
D9Y73MS

Tgt Ion:228 Resp: 191058

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.8	35.6
229	23.1	15.8	23.6

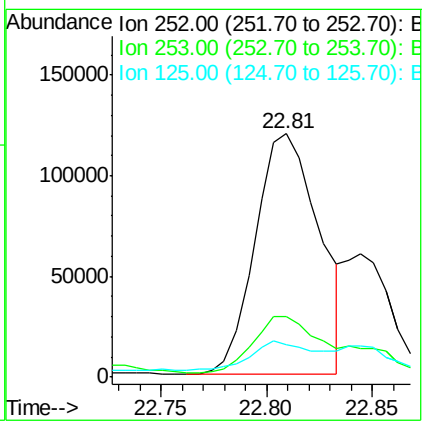


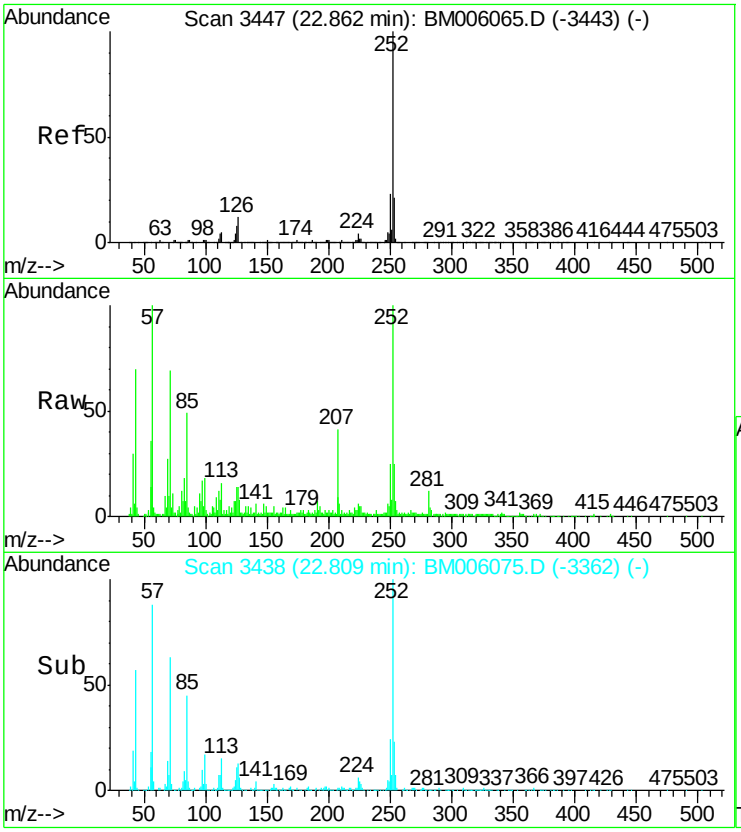


#35
Benzo(b)fluoranthene
Concen: 2.39 ng/ul
RT: 22.81 min Scan# 3438
Delta R.T. -0.01 min
Lab File: BM006075.D
Acq: 27 Jun 2016 18:21

Tgt Ion:252 Resp: 251709

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.2	25.8
125	13.5	7.8	11.6#



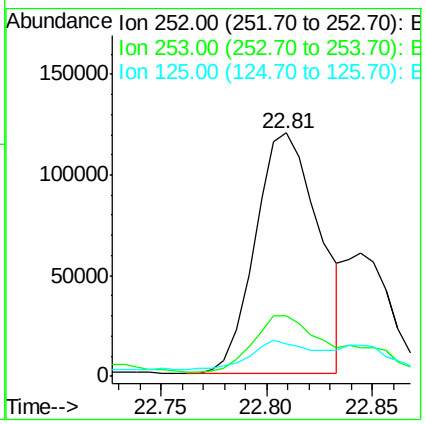


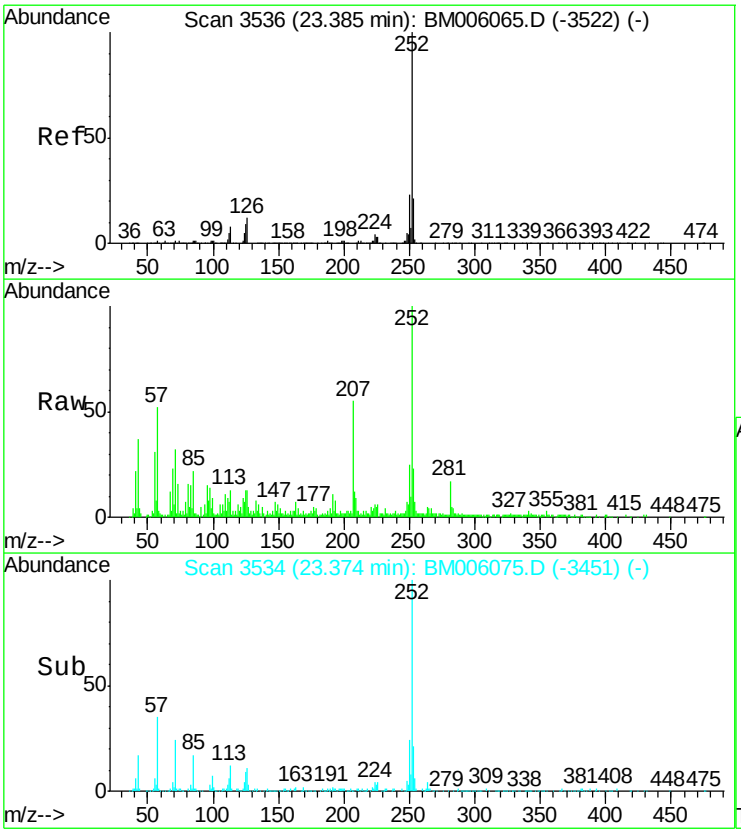
#36
Benzo(k)fluoranthene
Concen: 2.56 ng/ul
RT: 22.81 min Scan# 3438
Delta R.T. -0.05 min
Lab File: BM006075.D
Acq: 27 Jun 2016 18:21

Instrument :
BNA_M
ClientSampleId :
D9Y73MS

Tgt Ion:252 Resp: 251709

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.6	26.4
125	13.5	8.1	12.1#

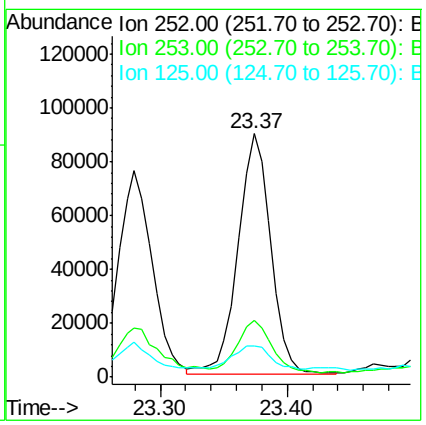


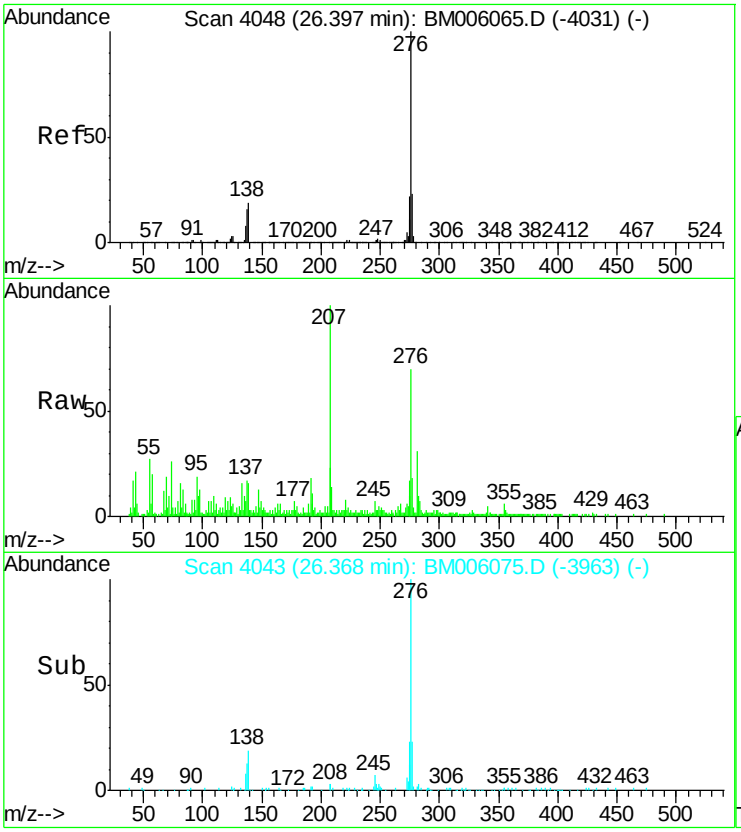


#38
Benzo(a)pyrene
Concen: 1.57 ng/ul
RT: 23.37 min Scan# 3534
Delta R.T. -0.01 min
Lab File: BM006075.D
Acq: 27 Jun 2016 18:21

Tgt Ion:252 Resp: 158824

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.6
125	12.7	8.7	13.1





#41
Benzo(g,h,i)perylene
Concen: 1.08 ng/ul
RT: 26.37 min Scan# 4043
Delta R.T. -0.03 min
Lab File: BM006075.D
Acq: 27 Jun 2016 18:21

Instrument :
BNA_M
ClientSampleId :
D9Y73MS

Tgt Ion:276 Resp: 113106

Ion	Ratio	Lower	Upper
276	100		
138	22.3	16.6	25.0
277	25.2	18.9	28.3